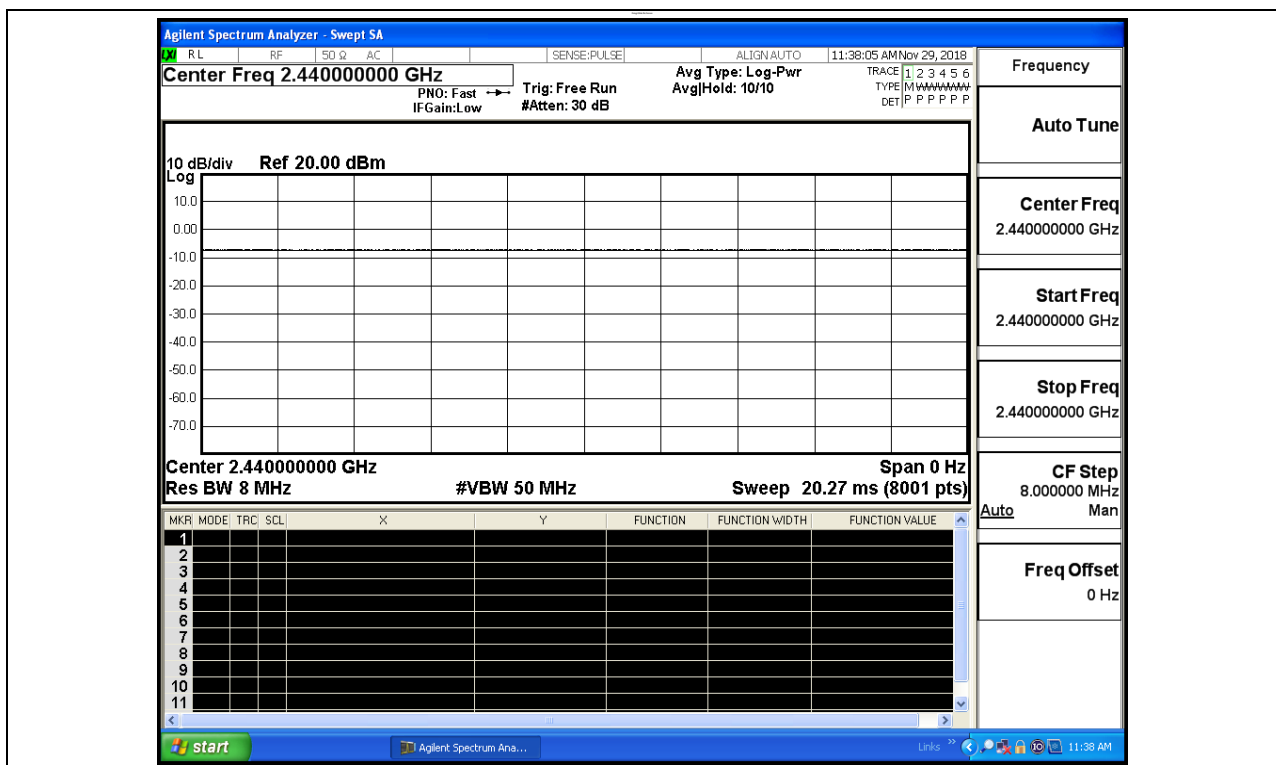


**Test Model: DB1-B**

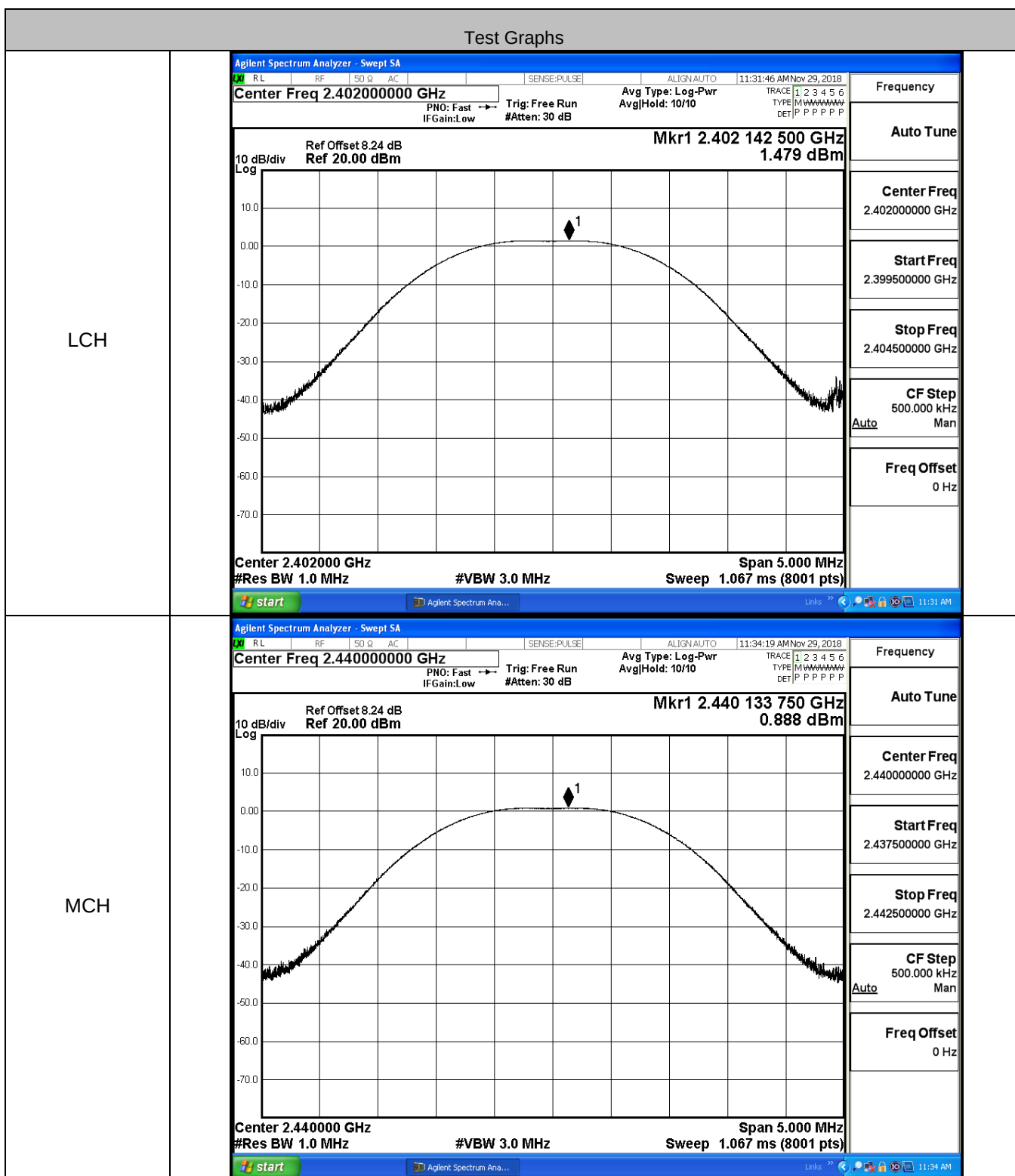
| Environmental Conditions |             |
|--------------------------|-------------|
| Temperature:             | 23.5 ° C    |
| Relative Humidity:       | 52.6%       |
| ATM Pressure:            | 100.0 kPa   |
| Test Engineer:           | Diamond.Lu  |
| Supervised by:           | Jayden.Zhuo |

| Test Mode | Test Channel | Ant  | Duty Cycle[%] | Verdict |
|-----------|--------------|------|---------------|---------|
| BT LE     | 2440         | Ant1 | 100           | PASS    |

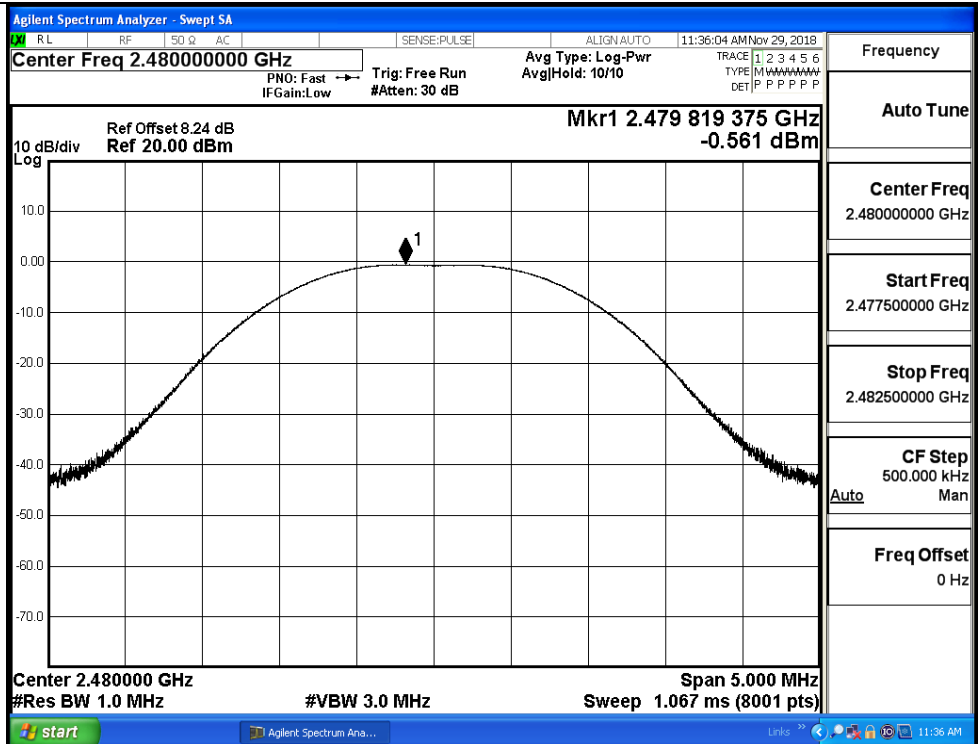


## B.2 Maximum Conducted Peak Output Power

| Mode  | Channel | Conduct Peak Power[dBm] | Limit [dBm] | Verdict |
|-------|---------|-------------------------|-------------|---------|
| BT LE | LCH     | 1.479                   | 30          | PASS    |
| BT LE | MCH     | 0.888                   | 30          | PASS    |
| BT LE | HCH     | -0.561                  | 30          | PASS    |



HCH

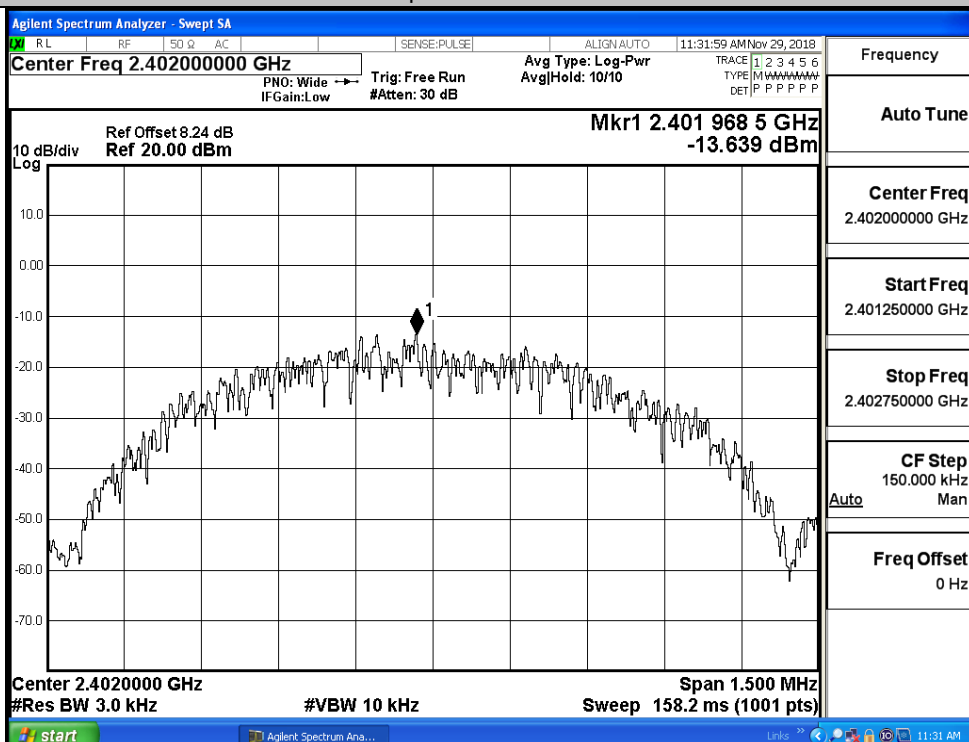


## B.3 Maximum Power Spectral Density

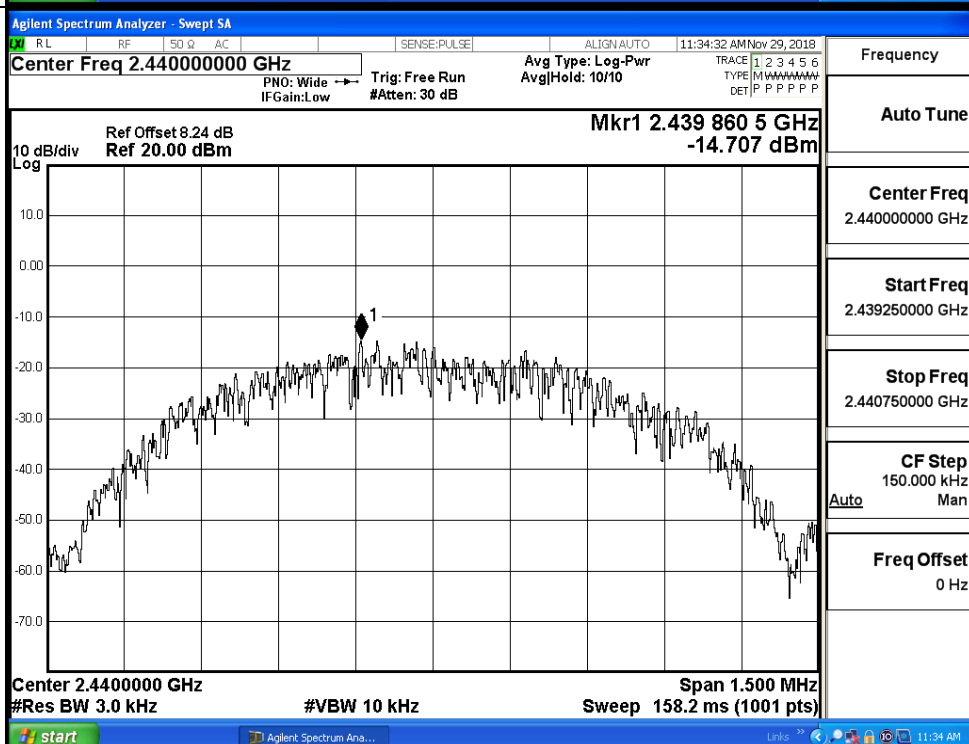
| Mode  | Channel | PSD [dBm/3KHz] | Limit [dBm/3KHz] | Verdict |
|-------|---------|----------------|------------------|---------|
| BT LE | LCH     | -13.639        | 8                | PASS    |
| BT LE | MCH     | -14.707        | 8                | PASS    |
| BT LE | HCH     | -15.950        | 8                | PASS    |

## Test Graphs

LCH



MCH



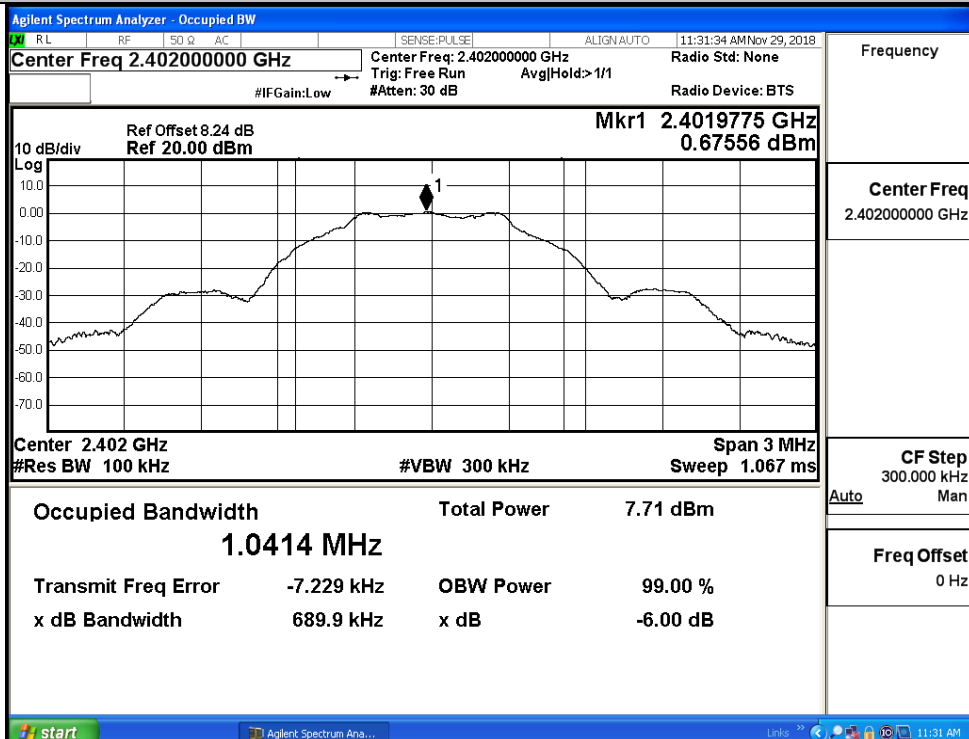


## B.4 6dB Bandwidth

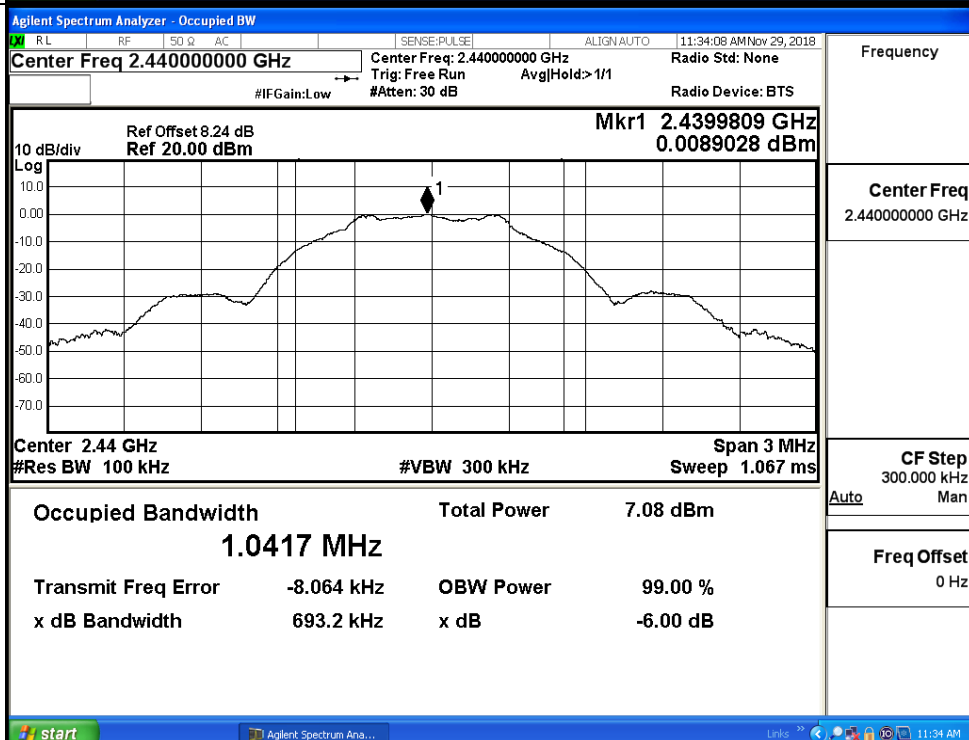
| Mode  | Channel | 6dB Bandwidth [MHz] | Limit [MHz] | Verdict |
|-------|---------|---------------------|-------------|---------|
| BT LE | LCH     | 0.6899              | $\geq 0.5$  | PASS    |
| BT LE | MCH     | 0.6932              | $\geq 0.5$  | PASS    |
| BT LE | HCH     | 0.6966              | $\geq 0.5$  | PASS    |

## Test Graphs

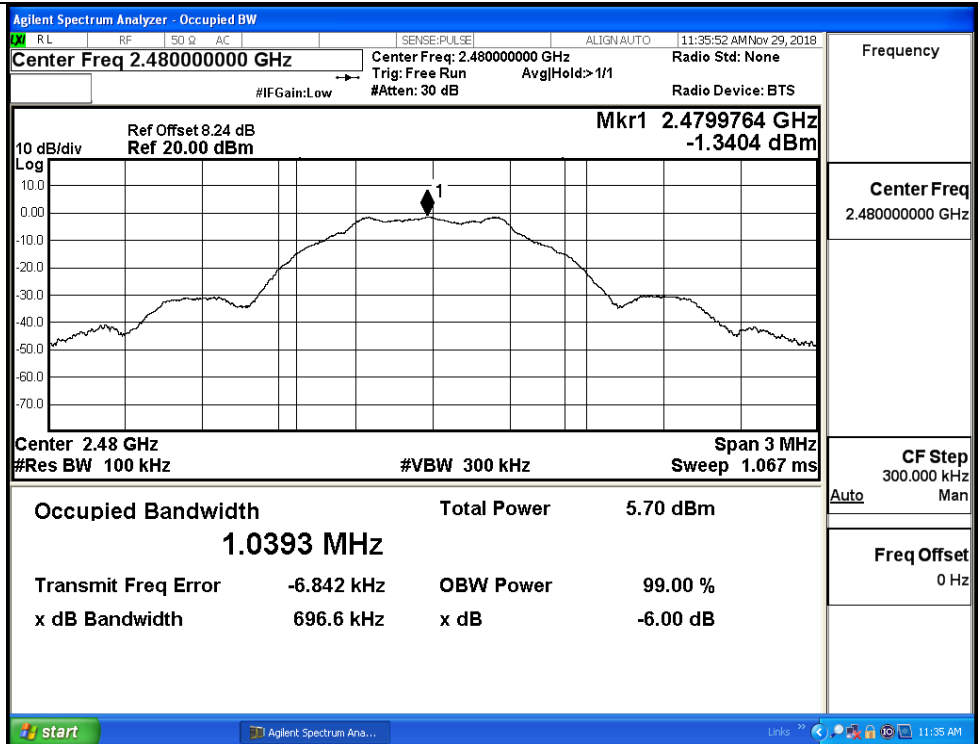
LCH



MCH



HCH

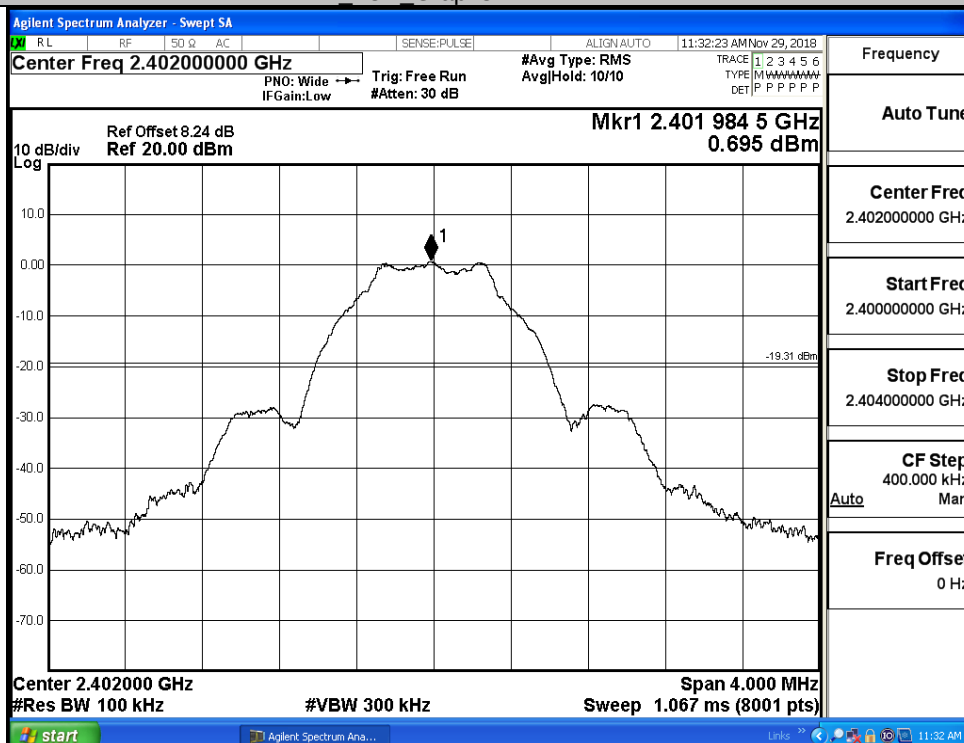


## B.5 RF Conducted Spurious Emissions

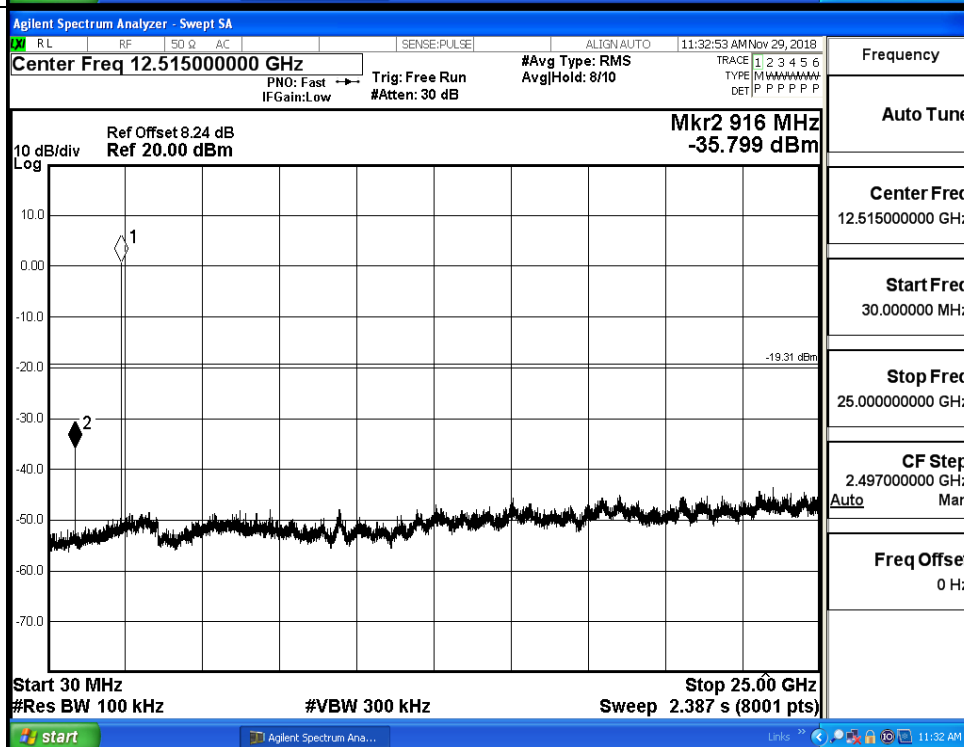
| Mode  | Channel | Pref [dBm] | Max. Level [dBm] | Limit [dBm] | Verdict |
|-------|---------|------------|------------------|-------------|---------|
| BT LE | LCH     | 0.695      | -35.799          | -19.305     | PASS    |
| BT LE | MCH     | 0.091      | -33.288          | -19.909     | PASS    |
| BT LE | HCH     | -1.399     | -35.980          | -21.399     | PASS    |

BT LE LCH Graphs

Pref/BT LE/LCH



Puw/BT LE/LCH



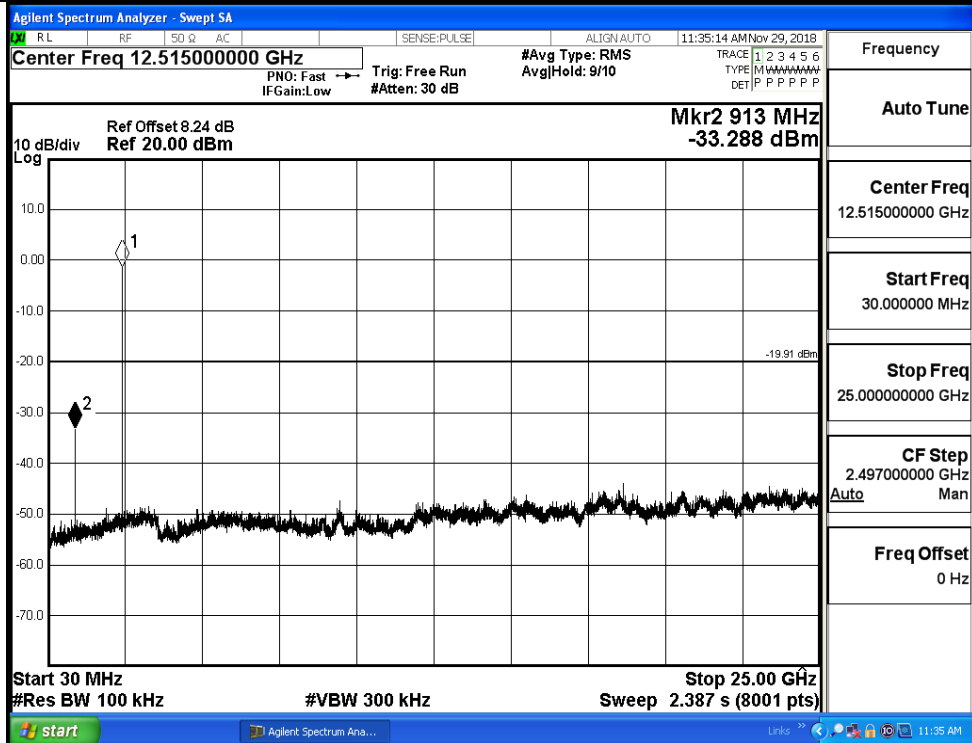


## BT LE MCH Graphs

Pref/BT LE/MCH

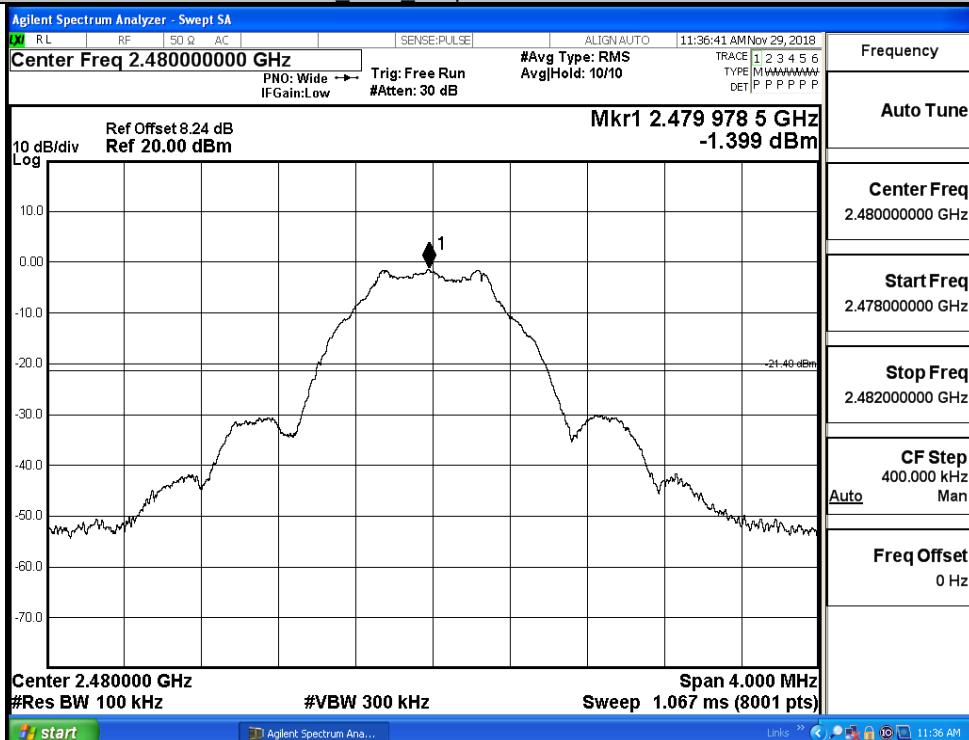


Puw/BT LE/MCH

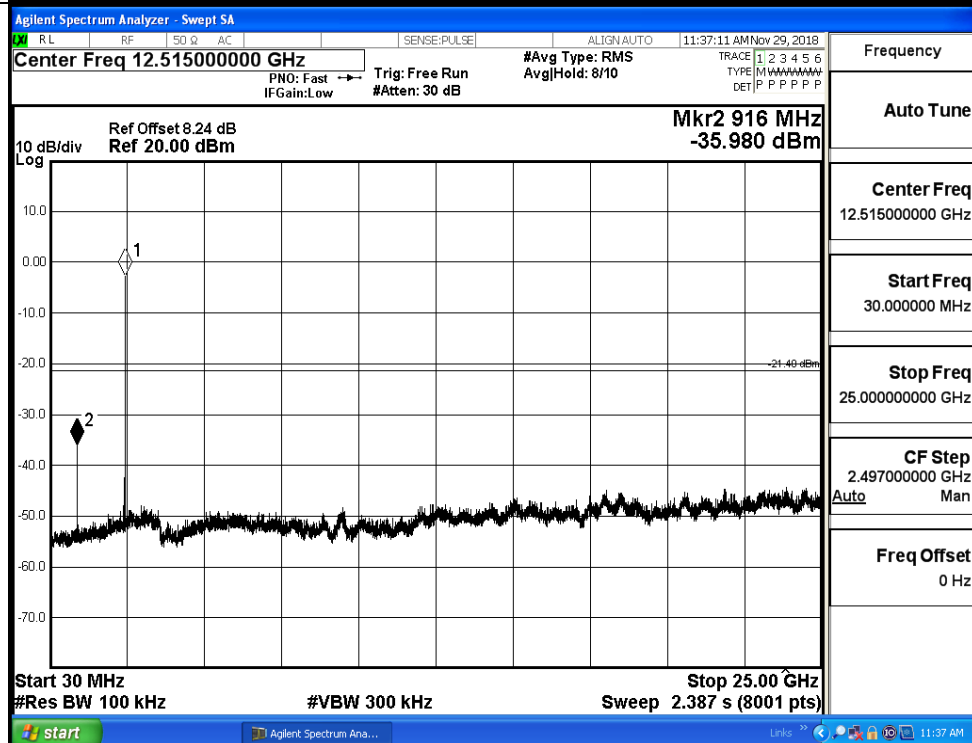


## BT LE HCH Graphs

Pref/BT LE/HCH



Puw/BT LE/HCH

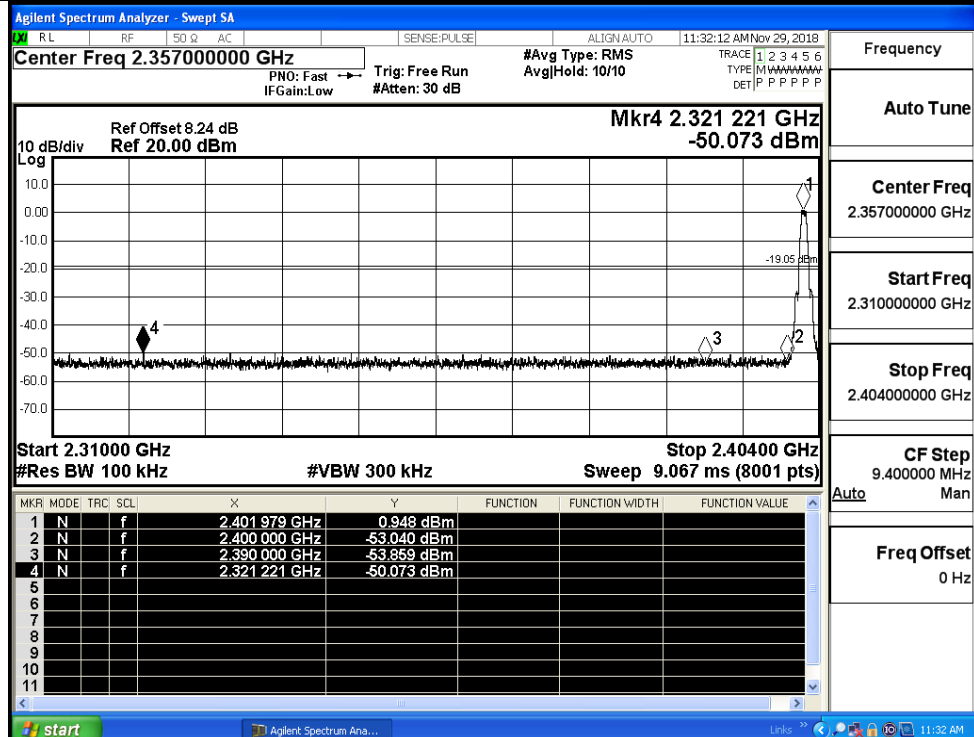


## B.6 Band-edge for RF Conducted Emissions

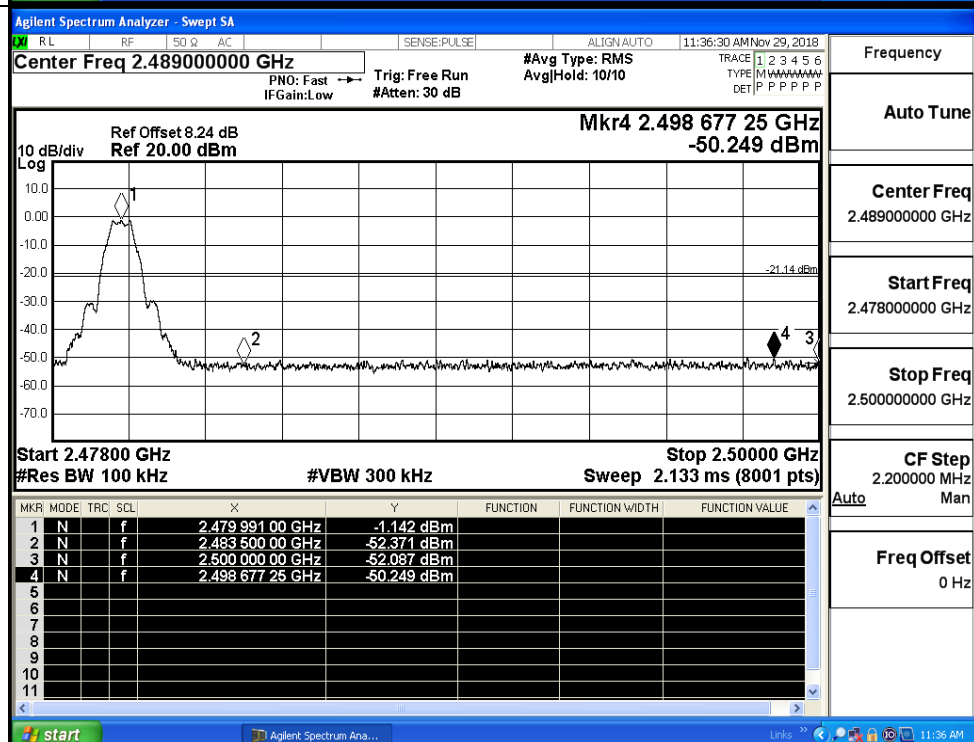
| Mode  | Channel | Carrier Power[dBm] | Max.Spurious Level [dBm] | Limit [dBm] | Verdict |
|-------|---------|--------------------|--------------------------|-------------|---------|
| BT LE | LCH     | 0.948              | -50.073                  | -19.05      | PASS    |
| BT LE | HCH     | -1.142             | -50.249                  | -21.14      | PASS    |

Test Graphs

LCH



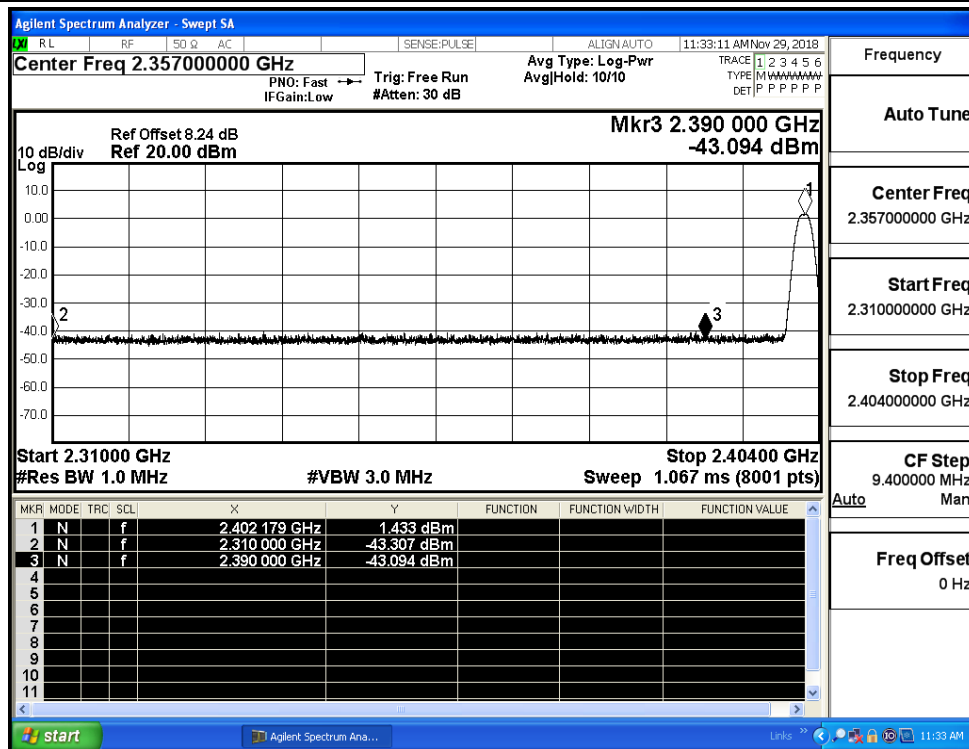
HCH



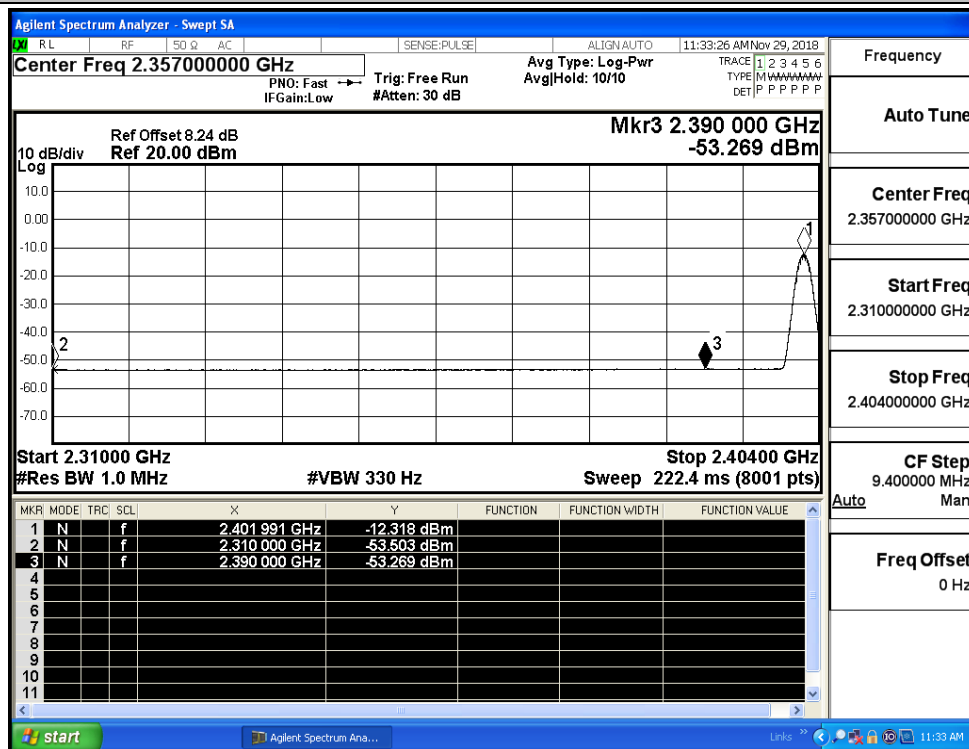
**B.7 Restrict-band band-edge measurements**

| Test Mode | Test Channel | Ant  | Freq.  | Power [dBm] | Gain | Ground Factor | E [dBuV/m] | Detector | Limit [dBuV/m] | Verdi |
|-----------|--------------|------|--------|-------------|------|---------------|------------|----------|----------------|-------|
| BT LE     | 2402         | Ant1 | 2310.0 | -43.31      | 2.0  | 0             | 51.95      | PEAK     | 74             | PASS  |
|           |              | Ant1 | 2310.0 | -53.50      | 2.0  | 0             | 41.75      | AV       | 54             | PASS  |
|           |              | Ant1 | 2390.0 | -43.09      | 2.0  | 0             | 52.16      | PEAK     | 74             | PASS  |
|           |              | Ant1 | 2390.0 | -53.27      | 2.0  | 0             | 41.99      | AV       | 54             | PASS  |
|           | 2480         | Ant1 | 2483.5 | -43.27      | 2.0  | 0             | 51.99      | PEAK     | 74             | PASS  |
|           |              | Ant1 | 2483.5 | -52.98      | 2.0  | 0             | 42.28      | AV       | 54             | PASS  |
|           |              | Ant1 | 2500.0 | -43.52      | 2.0  | 0             | 51.74      | PEAK     | 74             | PASS  |
|           |              | Ant1 | 2500.0 | -52.87      | 2.0  | 0             | 42.39      | AV       | 54             | PASS  |

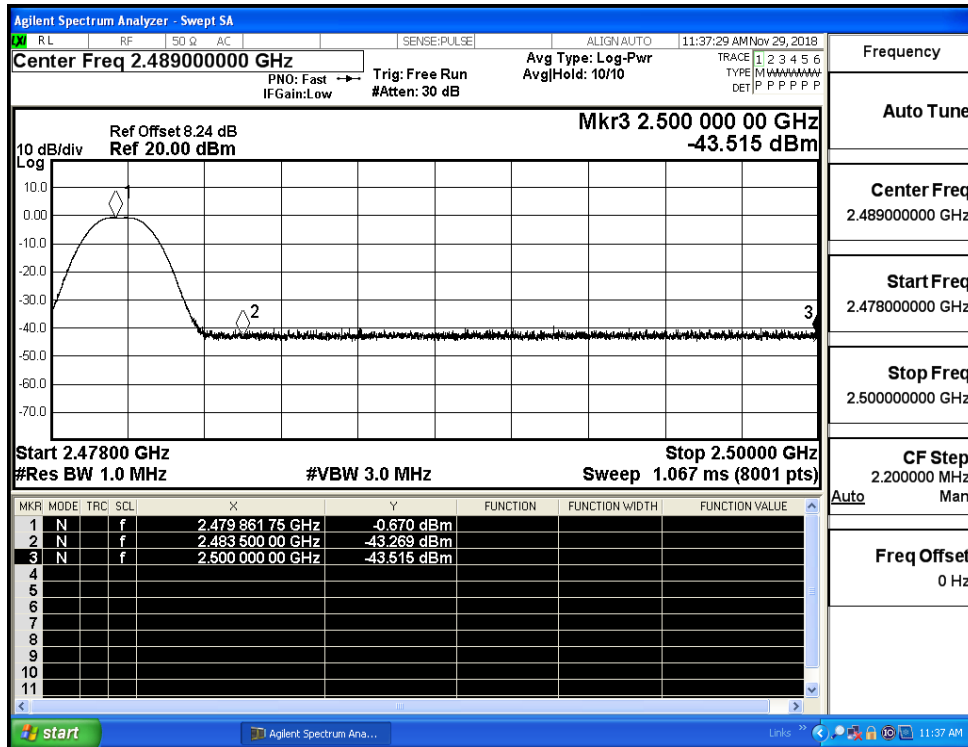
## Restrict-band band-edge measurements\_BT LE\_2402\_Ant1\_PEAK



## Restrict-band band-edge measurements\_BT LE\_2402\_Ant1\_AV



## Restrict-band band-edge measurements\_BT LE\_2480\_Ant1\_PEAK



## Restrict-band band-edge measurements\_BT LE\_2480\_Ant1\_AV

